

Title (en)

POLYMER COMPOSITIONS ALLOWING EASIER HANDLING

Title (de)

POLYMERZUSAMMENSETZUNGEN MIT VERBESSERTER HANDHABBARKEIT

Title (fr)

COMPOSITIONS DE POLYMÈRE À MANIABILITÉ AMÉLIORÉE

Publication

**EP 3394122 B1 20200212 (DE)**

Application

**EP 16808591 A 20161201**

Priority

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Abstract (en)

[origin: WO2017108361A1] The invention relates to a polymer composition that can be obtained by means of the free radical polymerisation of A) 95 - 40 wt.% of alkyl (meth)acrylate containing Ai) 20 - 95 wt.% of at least one alkyl (meth)acrylate with 16 to 40 C-atoms in the alcohol group, and Aii) 5 - 80 wt.% of at least one (meth)acrylic acid ester of a C8-C22 alcohol carrying a C6-C20 alkyl group in the 2-position relative to the hydroxyl group, in the presence of B) 5 - 60 wt.% ethylene copolymer. The invention also relates to a method for producing same and to the use of same as a flow improver for mineral oils and mineral oil distillates.

IPC 8 full level

**C08F 220/18** (2006.01); **C08F 255/02** (2006.01); **C10L 1/196** (2006.01)

CPC (source: EA EP KR US)

**C08F 220/18** (2013.01 - KR); **C08F 220/1818** (2020.02 - EA EP KR US); **C08F 255/026** (2013.01 - EA EP KR US); **C08L 33/08** (2013.01 - EA KR US); **C08L 33/10** (2013.01 - EA KR US); **C10L 1/143** (2013.01 - EA EP KR US); **C10L 1/1616** (2013.01 - KR); **C10L 1/192** (2013.01 - EA EP KR US); **C10L 1/195** (2013.01 - EA EP KR US); **C10L 1/1963** (2013.01 - EA EP KR US); **C10L 1/1973** (2013.01 - KR); **C10L 1/1985** (2013.01 - KR); **C10L 10/14** (2013.01 - EA EP KR US); **C10L 10/16** (2013.01 - EA EP KR US); **C10L 1/1616** (2013.01 - EA EP US); **C10L 1/1973** (2013.01 - EA EP US); **C10L 1/1985** (2013.01 - EA EP US); **C10L 2200/0438** (2013.01 - EA EP KR US); **C10L 2200/0461** (2013.01 - EA EP KR US)

Cited by

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**WO 2017108361 A1 20170629**; AU 2016375819 A1 20180607; CA 3009541 A1 20170629; CO 2018007525 A2 20180928; DE 102015226635 A1 20170629; EA 035204 B1 20200515; EA 035204 B9 20200610; EA 201891488 A1 20181228; EP 3394122 A1 20181031; EP 3394122 B1 20200212; ES 2774029 T3 20200716; JP 2019506470 A 20190307; JP 6802276 B2 20201216; KR 20180098315 A 20180903; US 10889773 B2 20210112; US 2019002779 A1 20190103; ZA 201802997 B 20190227

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